

In the Claims

Please cancel claims 30 and 40 without prejudice. Applicants reserve the right to pursue the original subject matter in a continuing application. Please amend claims 8, 9, 29, 31, and 41, and add claim 45 as follows.

1. (Previously Presented): An intraluminal stent comprising:

a stent body having an un-deployed orientation in which the stent body is sized to be placed on a deployment balloon and advanced through a body lumen to a deployment site;

said stent body expandable upon inflation of said balloon to an enlarged orientation sized for said stent body in said enlarged orientation to be retained within said lumen at said site upon deflation and withdrawal of said balloon;

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said stent body having a stent axis extending between first and second axial ends of said stent body;

said stent body having an exterior surface and an interior surface;

said interior surface including at least a portion having a rough surface finish rougher than a surface finish of said exterior surface.

2. (Previously Presented): A stent according to claim 1 wherein said portion includes first and second portions of said rough surface finish disposed on opposite sides of a center of said stent body.

3. (Previously Presented): A stent according to claim 2 wherein said first and second portions extend along substantially an entire axial length of said stent body.

Claims 4-7 (Cancelled)

8. **(Currently Amended):** An intraluminal stent comprising:

a stent body including a base material, the stent body having an un-deployed orientation in which the stent body is sized to be placed on a deployment balloon and advanced through a body lumen to a deployment site;

said stent body expandable upon inflation of said balloon to an enlarged orientation sized for said stent body in said enlarged orientation to be retained within said lumen at said site upon deflation and withdrawal of said balloon;

said stent body having a stent axis extending between first and second axial ends of said stent body;

said stent body having an exterior surface and an interior surface;

said interior surface including at least a portion having a rough surface finish, wherein said rough surface finish includes portions removed from said base material.

9. **(Currently Amended):** An intraluminal stent comprising:

a stent body including a base material, the stent body having an un-deployed orientation in which the stent body is sized to be advanced through a body lumen to a deployment site;

said stent body expandable to an enlarged orientation sized to be retained within said lumen at said site;

said stent body having a stent axis extending between first and second axial ends of said stent body;

said stent body having an exterior surface and an interior surface;

said interior surface including at least a portion having a rough surface finish,
wherein said rough surface finish includes portions removed from said base material.

10. (Previously Presented): A stent according to claim 9, wherein said rough surface finish is rougher than a surface finish of said exterior surface.

11. (Previously Presented): A stent according to claim 9, wherein said portion includes first and second portions of said rough surface finish disposed on opposite sides of a center of said stent body.

12. (Previously Presented): A stent according to claim 11 wherein said first and second portions extend along substantially an entire axial length of said stent body.

Claims 13-18 (Cancelled)

19. (Previously Presented): A stent according to claim 9, wherein the rough surface finish includes pits.

20. (Previously Presented): A stent according to claim 19, wherein the pits are approximately 3-20 microns in size.

21. (Previously Presented): A stent according to claim 9, wherein the rough surface finish covers a majority of the interior surface of the stent body.

22. (Previously Presented): A stent according to claim 9, wherein the rough surface finish completely surrounds an axis of the stent body.

23. (Previously Presented): A stent according to claim 9, wherein the rough surface finish covers the interior surface adjacent a mid region of the stent body, and wherein portions of the interior surface adjacent ends of the stent body are not rough.

Claims 24-28 (Cancelled)

29. **(Currently Amended)**: An intraluminal stent comprising:
a stent body having an un-deployed orientation in which the stent body is sized to be advanced through a body lumen to a deployment site;
the stent body expandable to an enlarged orientation sized to be retained within the lumen at the site;
the stent body having a stent axis extending between first and second axial ends of the stent body;
the stent body having ~~a metal base material having~~ an exterior surface and an interior surface;
the interior surface including at least a portion having a rough surface finish rougher than a surface finish the exterior surface, ~~the rough surface finish including pits defined in the metal base material.~~

30. **(Cancelled)**

31. **(Currently Amended)**: A stent according to claim 45 29, wherein the pits are less than 20 microns in size.

32. (Previously Presented): A stent according to claim 31, wherein the pits are approximately 3-20 microns in size.

33. (Previously Presented): A stent according to claim 29, wherein the rough surface finish covers a majority of the interior surface of the stent body.

34. (Previously Presented): A stent according to claim 29, wherein the rough surface finish completely surrounds an axis of the stent body.

35. (Previously Presented): A stent according to claim 29, wherein the rough surface finish covers the interior surface adjacent a mid region of the stent body, and wherein portions of the interior surface adjacent ends of the stent body are not rough.

36. (Previously Presented): A stent according to claim 29, wherein the rough surface finish is configured to resist an undesirable biologic response when the stent is implanted.

37. (Previously Presented): A stent according to claim 36, wherein the undesirable biologic response includes undue thrombus formation or platelet activation.

E | 38. (Previously Presented): A stent according to claim 9, wherein the rough surface finish is configured to resist an undesirable biologic response when the stent is implanted.

39. (Previously Presented): A stent according to claim 38, wherein the undesirable biologic response includes undue thrombus formation or platelet activation.

40. **(Cancelled)**

41. **(Currently Amended)**: A stent according to claim 9 40, wherein the base material includes a metal material.

42. (Previously Presented): A stent according to claim 9, wherein the rough surface finish is defined by depressions in the base material.

43. (Previously Presented): A stent according to claim 42, wherein the depressions include pits.

44. (Previously Presented) A stent according to claim 43, wherein the base material

includes a metal material.

45. (New) A stent according to claim 29, wherein the stent body includes a metal base material, the rough surface finish including pits defined in the metal base material.